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Date: 5/30/02

By:

Douglas A. Gow

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: DENISE DRAPER ET AL.

APPLICATION No.: 09/921,010

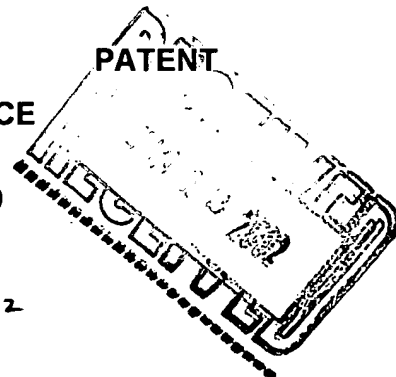
FILED: AUGUST 01, 2001

FOR: METHOD AND APPARATUS FOR
STORING SEMI-STRUCTURED DATA
IN A STRUCTURED MANNER

CONFIRMATION No. 5029

ART UNIT: 2171

DATE: MAY 30, 2002

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 CFR 1.97(b)**Commissioner for Patents
Washington, D.C. 20231

Sir:

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1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information☒ Copies of the following references are enclosed:

- ☒ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☐ Copies of the following references can be found in parent application Ser. No.:

- ☐ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be

an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☐ References marked by ampersands
- ☐ The following:

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

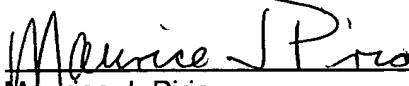
4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

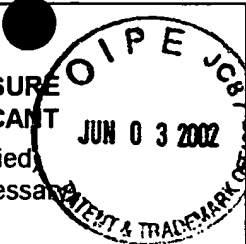
Respectfully submitted,
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Date: May 30, 2002

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN Application Number 09/921,010 Confirmation Number 5029 Filing Date 08/01/2001 First Named Inventor Denise Draper Group Art Unit 2171 Examiner Name Attorney Docket No. 337298003US1	
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Sheet	1	of	3		

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		09/921,446		Draper et al.	08/01/01	
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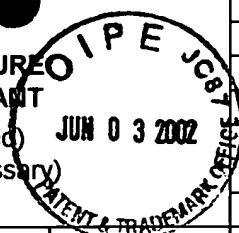
FOREIGN PATENT DOCUMENTS								
Examiner Initial	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
		WO	WO 01/17286		Ho	03/08/01		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
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EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)			COMPLETE IF KNOWN	
			Application Number	09/921,010
			Confirmation Number	5029
			Filing Date	08/01/2001
			First Named Inventor	Denise Draper
			Group Art Unit	2171
Examiner Name				
Attorney Docket No.	337298003US1			

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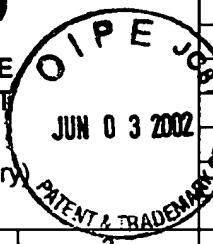
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		Daniela Florescu et al, "A Performance Evaluation of Alternative Mapping Schemes for Storing XML Data in a Relational Database," an-Experience Paper-, pages 1-22.
		Jayavel Shanmugasundaram et al, "Relational Databases for Querying XML Documents: Limitations and Opportunities," Proc. of the 25 th VLDB Conf., Edinburgh, Scotland, 1999, 13 pages.
		Colby, Latha S., "A Recursive Algebra and Query Optimization for Nested Relations," Department of Computer Science, Indiana University, Bloomington, IN, pages 273-283, SIGMOND '95.
		Fegaras, Leonidas and Maier, David, "Towards an Effective Calculus for Object Query Languages," Department of Computer Science and Engineering, Oregon Graduate Institute of Science & Technology, Portland, Oregon, pages 47-58, SIGMOD '95.
		Breazu-Tannen, Val et al., "Naturally Embedded Query Languages," Database Theory - ICDT '92, 4th International Conference, Berlin, Germany, October 14-16, 1992 Proceedings.
		Abiteboul, Serge, et al., "Foundations of Databases," Chapter 20, pages 508-541, Addison-Wesley Publishing Company, Inc., 1995.
		Accessing Data Using Visual Basic, Copyright 2001 Microsoft Corporation http://msdn.microsoft.com/library/en-us/vbcon98/html/vbconaccessingdata.asp?frame=true [Accessed 11/11/01]
		Forms and Data-Aware Controls, Copyright 2001 Microsoft Corporation http://msdn.microsoft.com/library/en-us/vbcon98/.../vbcondataawarecontrols.asp?frame=tru [Accessed 11/11/01]
		Oracle8 Concepts, Release 8.0 Procedures and Packages, Copyright 1997 Oracle Corporation http://www.-wnt.gsi.de/oragsidoc/doc_804/database.804/a58227/ch14.html [Accessed 11/11/01]
		Reilly, Douglas, "Using Stored Procedures in Active Server Pages" http://www.ddj.com/documents/s=875/ddj0065e/ [Accessed 11/11/01]
		Nimble Technology Home Page July 17, 2000
		Nimble Technology, "The Nimble Integration Suite™" White Paper, September 11, 2000.

[09901-0001/IDS 1449.doc]

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				Group Art Unit	2171
				Examiner Name	
Sheet 3 of 3				Attorney Docket No.	337298003US1

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		Stored Procedures Overview http://www.va/pubnix.com/man/xdb/sqlref/Overview_413.html [Accessed 11/11/01]	
		"W3C XML-QL: A Query Language for XML," Submission to the World Wide Web Consortium, August 19, 1998 http://www.w3.org/TR/1998/NOTE-xml-ql-19980819/ [Accessed 11/11/01]	
		W3C Architecture Domain, XML Schema http://www.w3.org/XML/Schema.html [Accessed 11/11/01]	
		W3C Document Formats Domain, The Extensible Stylesheet Language (XSL) http://www.w3.org/Style/XSL [Accessed 11/11/01]	

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